European Journal of Pharmacology – Molecular Pharmacology Section, 189 (1990) 427–430
Elsevier

Author index

Albertini, A., see Ferrari, R. (189) 149
Aulakh, C.S., see Avissar, S. (189) 99
Avissar, S., Schreiber, G., Aulakh, C.S., Wozniak, K.M. and Murphy, D.L.
Carbamazepine and electroconvulsive shock attenuate β-adrenoceptor and muscarinic cholinoceptor coupling to G proteins in rat cortex (189) 99

Barnard, E.A., see Moss, S.J. (189) 77
Benke, D., Mertens, S., Trezciak, A., Gillessen, D. and Mohler, H.
Identification of the γ2-subunit protein in native $GABA_A$ receptors in brain (189) 337
Bockaert, J., see Charpentier, N. (189) 241
Boraso, A., see Ferrari, R. (189) 149
Boulay, G., Gallo-Payet, N. and Guillemette, G.
Implication of phospholipase C in the steroidogenic action of angiotensin II (189) 267
Bowen, D.M., see Steele, J.E. (189) 195
Braun, A.P., Gupta, R.C. and Sulakhe, P.V.
Pertussis toxin-sensitive G-proteins in the sino-atrial node and right atrium of bovine heart (189) 105
Braun, A.P., Phan, T.D. and Sulakhe, P.V.
Muscarinic acetylcholine receptors in the sino-atrial node and right atrium of bovine heart (189) 201
Britt, M., see Pullan, L.M. (189) 237
Brusov, O.S., see Fomenko, A.M. (189) 175

Camus, J., see Waelbroeck, M. (189) 135
Canonico, P.L., see Sortino, M.A. (189) 115
Cargnoni, A., see Ferrari, R. (189) 149
Challiss, R.A.J., see Willcocks, A.L. (189) 185
Chang, C.-H., Jiang, B. and Douglas, J.G.
Caged ATP potentiates guanylate cyclase activity stimulated by atrial natriuretic factor in rat lung membranes (189) 111
Chang, C.-H., Jiang, B. and Douglas, J.G.
Structural requirements of ATP for activation of basal and atrial natriuretic factor-stimulated guanylate cyclase in rat lung membranes (189) 293
Charpentier, N., Dumuis, A., Sebben, M., Bockaert, J. and Pin, J.-P.
On concanavalin A-treated striatal neurons quisqualate clearly behaves as a partial agonist of a receptor fully activated by kainate (189) 241
Chneiweiss, H., Glowinski, J. and Premont, J.
Dopamine-induced homologous and heterologous desensitizations of adenylate cyclase-coupled receptors on striatal neurons (189) 287
Christophe, J., see Waelbroeck, M. (189) 135
Compton, R.P., see Monahan, J.B. (189) 373
Constentin, J., see Rognan, D. (189) 59
Cordi, A.A., see Monahan, J.B. (189) 373
Cross, A.J., see Steele, J.E. (189) 195

Dave, J.R., see Ishizawa, H. (189) 119
Dawson, Jr., R. and Ian Phillips, M.
Dopamine synthesis and release in LLC-PK_1 cells (189) 423
Demirgoren, S., see Majewska, M.D. (189) 307
Demushkin, V.P., see Fomenko, A.M. (189) 175
Den Hertog, A., see Hoiting, B. (189) 31
Den Hertog, A., see Nelemans, A. (189) 41
Deth, R.C., see Jagadeesh, G. (189) 11
Devine, J., see Moss, S.J. (189) 77
Douglas, J.G., see Chang, C.-H. (189) 111
Douglas, J.G., see Chang, C.-H. (189) 293
Duan, J. and Karmazyn, M.
Reduction of phosphate-induced dysfunction in rat heart mitochondria by carnitine (189) 163
Duin, M., see Hoiting, B. (189) 31
Duin, M., see Nelemans, A. (189) 41
Dumuis, A., see Charpentier, N. (189) 241

Ebert, B., see Madsen, U. (189) 381

Ferkany, J.W., see Madsen, U. (189) 381
Ferrari, R., Boraso, A., Cargnoni, A., Pasini, E., Raddino, R. and Albertini, A.
Effects of anipamil on myocardial sarcolemmal and mitochondrial calcium transport, comparison with verapamil and nifedipine (189) 149
Fomenko, A.M., Plyashkevich, Y.G., Brusov, O.S. and Demushkin, V.P.
Chemical heterogeneity of [^{3}H]imipramine binding sites on human platelet membranes (189) 175
Foucaud, B. and Gombos, G.
Identification and characterization of a high-affinity glutamate-controlled TCP binding site in rat brain postsynaptic densities (189) 355
Frances, B., Puget, A., Moisand, C. and Meunier, J.-C.
Apparent precoupling of κ- but not μ-opioid receptors with a G protein in the absence of agonist (189) 1
Francis, P.T., see Steele, J.E. (189) 195

0922-4106/90/$03.50 © 1990 Elsevier Science Publishers B.V. (Biomedical Division)

Franklin, P.H. and Murray, T.F.
Identification and initial characterization of high-affinity [^{3}H]dextrorphan binding sites in rat brain (189) 89
Fredholm, B.B., see Kvanta, A. (189) 363
Friedman, E., see Johnson, M.D. (189) 405
Fujimoto, M., see Mihara, S.-i. (189) 233

Gall, C., Sumikawa, K. and Lynch, G.
Regional distribution of mRNA for a putative kainate receptor in rat brain (189) 217
Gallo-Payet, N., see Boulay, G. (189) 267
Gerwins, P., see Kvanta, A. (189) 363
Gerzer, R., see Ivanova, K. (189) 317
Gillessen, D., see Benke, D. (189) 337
Glaser, T., see Schmidt, B.H. (189) 411
Glowinski, J., see Chneiweiss, H. (189) 287
Gobbi, M., see Mennini, T. (189) 143
Gombos, G., see Foucaud, B. (189) 355
Green, A.R., see Steele, J.E. (189) 195
Guillemette, G., see Boulay, G. (189) 267
Gupta, R.C., see Braun, A.P. (189) 105
Gupta, S., see Jagadeesh, G. (189) 11

Haga, T., see Ohara, K. (189) 341
Heim, J.-M., see Ivanova, K. (189) 317
Hoffman, P.L., see Ishizawa, H. (189) 119
Hoiting, B., Molleman, A., Duin, M., Den Hertog, A. and Nelemans, A.
P_2 purinoceptor-mediated inositol phosphate formation in relation to cytoplasmic calcium in DDT_1 MF-2 smooth muscle cells (189) 31
Hoiting, B., see Nelemans, A. (189) 41
Holm, T., see Madsen, U. (189) 381
Hood, W.F., see Monahan, J.B. (189) 373

Ian Phillips, M., see Dawson, Jr., R. (189) 423
Ichiyama, A., see Ohara, K. (189) 341
IJzerman, A.P., see Pirovano, I.M. (189) 419
Ishizawa, H., Dave, J.R., Liu, L.-I., Tabakoff, B. and Hoffman, P.L.
Hypothalamic vasopressin mRNA levels in mice are decreased after chronic ethanol ingestion (189) 119
Ivanova, K., Heim, J.-M. and Gerzer, R.
Kinetic characterization of atrial natriuretic factor-sensitive particulate guanylate cyclase (189) 317

Jagadeesh, G., Tian, W.-N., Gupta, S. and Deth, R.C.
Developmental changes in α_1-adrenoceptor coupling to G-protein in bovine aorta (189) 11
Jiang, B., see Chang, C.-H. (189) 111
Jiang, B., see Chang, C.-H. (189) 293
Johansen, T.N., see Madsen, U. (189) 381
Johnson, M.D., Wang, H.-Y. and Friedman, E.
Protein kinase C activity and contractile responsiveness in senescent blood vessels (189) 405
Jondal, M., see Kvanta, A. (189) 363
Jones, B.E., see Madsen, U. (189) 381

Kaneko, S., Takahashi, H. and Satoh, M.
The use of *Xenopus* oocytes to evaluate drugs affecting brain Ca^{2+} channels: effects of bifemelane and several nootropic agents (189) 51
Karmazyn, M., see Duan, J. (189) 163
Kato, R., see Nakaki, T. (189) 347
Kilpatrick, G.J., see Lummis, S.C.R. (189) 223
Kilpatrick, G.J., see Lummis, S.C.R. (189) 229
Kishi, M., see Ohkuma, S. (189) 277
Klika, A.B., see Pullan, L.M. (189) 237
Krogsgaard-Larsen, P., see Madsen, U. (189) 381
Kuraja, I.J., Tanner, J.K. and Woodcock, E.A.
Endothelin stimulates phosphatidylinositol turnover in rat right and left atria (189) 299
Kuriyama, K., see Ohkuma, S. (189) 277
Kurosawa, H., see Nagasaki, M. (189) 71
Kvanta, A., Gerwins, P., Van der Ploeg, I., Nordstedt, C., Jondal, M. and Fredholm, B.B.
Stimulation of the T-cell receptors CD3 and CD2 with OKT3 and OKT11 antibodies activates a common pertussis toxin-insensitive G-protein (189) 363

Lambrecht, G., see Waelbroeck, M. (189) 135
Liu, L.-I., see Ishizawa, H. (189) 119
London, E.D., see Majewska, M.D. (189) 307
Lummis, S.C.R., Kilpatrick, G.J. and Martin, I.L.
Characterization of 5-HT_3 receptors in intact N1E-115 neuroblastoma cells (189) 223
Lummis, S.C.R., Nielsen, M., Kilpatrick, G.J. and Martin, I.L.
Target size of 5-HT_3 receptors in N1E-115 neuroblastoma cells and rat brain (189) 229
Lynch, G., see Gall, C. (189) 217

Ma, F.-H., see Ohkuma, S. (189) 277
Macdonald, R.L., see Moss, S.J. (189) 77
Madsen, U., Ferkany, J.W., Jones, B.E., Ebert, B., Johansen, T.N., Holm, T. and Krogsgaard-Larsen, P.
NMDA receptor agonists derived from ibotenic acid. Preparation, neuroexcitation and neurotoxicity (189) 381
Majewska, M.D., Demirgoren, S. and London, E.D.
Binding of pregnenolone sulfate to rat brain membranes suggests multiple sites of steroid action at the $GABA_A$ receptor (189) 307
Manjeet, S., see Sim, M.K. (189) 399
Mann, A., see Rognan, D. (189) 59
Martin, I.L., see Lummis, S.C.R. (189) 223
Martin, I.L., see Lummis, S.C.R. (189) 229
Martres, M.-P., see Rognan, D. (189) 59
McMillian, M., Pritchard, G.A. and Miller, L.G.
Characterization of Ca^{2+}-mobilizing excitatory amino acid receptors in cultured chick cortical cells (189) 253
Meiners, B.A., see Pullan, L.M. (189) 237
Mellerup, E.T., see Plenge, P. (189) 129
Mennini, T. and Gobbi, M.
Regional distribution of low-affinity GABA receptors coupled to benzodiazepine receptor subtypes in rat brain: an autoradiographic evaluation (189) 143

Mertens, S., see Benke, D. (189) 337
Meunier, J.-C., see Frances, B. (189) 1
Meunier, J.-C., see Roussin-Pascaud, A. (189) 393
Mihara, S.-i., Sakata, T. and Fujimoto, M.
Interaction of lipocortin I with peripheral-type benzodiazepine binding sites (189) 233
Miller, L.G., see McMillian, M. (189) 253
Mohler, H., see Benke, D. (189) 337
Moisand, C., see Frances, B. (189) 1
Molleman, A., see Hoiting, B. (189) 31
Molleman, A., see Nelemans, A. (189) 41
Mollereau, C., see Roussin-Pascaud, A. (189) 393
Monahan, J.B., Hood, W.F., Compton, R.P., Cordi, A.A. and Williams, R.M.
Identification of a novel structural class of positive modulators of the N-methyl-D-aspartate receptor, with actions mediated through the glycine recognition site (189) 373
Morisaki, N., see Saeki, T. (189) 23
Moss, S.J., Smart, T.G., Porter, N.M., Nayeem, N., Devine, J., Stephenson, F.A., Macdonald, R.L. and Barnard, E.A.
Cloned GABA receptors are maintained in a stable cell line: allosteric and channel properties (189) 77
Murphy, D.L., see Avissar, S. (189) 99
Murray, T.F., see Franklin, P.H. (189) 89
Mutschler, E., see Waelbroeck, M. (189) 135

Nagasaki, M., Kurosawa, H., Naito, K. and Tamaki, H.
Allosteric interaction of trimebutine maleate with dihydropyridine binding sites (189) 71
Nahorski, S.R., see Willcocks, A.L. (189) 185
Naito, K., see Nagasaki, M. (189) 71
Nakaki, T., Nakayama, M. and Kato, R.
Inhibition by nitric oxide and nitric oxide-producing vasodilators of DNA synthesis in vascular smooth muscle cells (189) 347
Nakayama, M., see Nakaki, T. (189) 347
Nayeem, N., see Moss, S.J. (189) 77
Nelemans, A., Hoiting, B., Molleman, A., Duin, M. and Den Hertog, A.
α-Adrenoceptor regulation of inositol phosphates, internal calcium and membrane current in DDT_1 MF-2 smooth muscle cells (189) 41
Nelemans, A., see Hoiting, B. (189) 31
Nicoletti, F., see Sortino, M.A. (189) 115
Nielsen, M., see Lummis, S.C.R. (189) 229
Nielsen, M., see Plenge, P. (189) 129
Niles, L.P.
GTP modulates [^{125}I]iodomelatonin binding to a picomolar-affinity site in the Syrian hamster hypothalamus (189) 95
Nordstedt, C., see Kvanta, A. (189) 363

Ohara, K., Uchiyama, H., Ohara, K., Haga, T. and Ichiyama, A.
Interaction of deglycosylated muscarinic receptors with ligands and G proteins (189) 341
Ohara, K., see Ohara, K. (189) 341
Ohkuma, S., Kishi, M., Ma, F.-H. and Kuriyama, K.
Alterations in receptor-coupled second messenger systems at up-regulated muscarinic receptors: analysis using primary cultured neurons (189) 277

Pasini, E., see Ferrari, R. (189) 149
Phan, T.D., see Braun, A.P. (189) 201
Pin, J.-P., see Charpentier, N. (189) 241
Pirovano, I.M., Van Belle, H. and IJzerman, A.P.
Inhibition of nucleoside uptake in human erythrocytes by a new series of compounds related to lidoflazine and mioflazine (189) 419
Plenge, P., Mellerup, E.T. and Nielsen, M.
Inhibitory and regulatory binding sites on the rat brain serotonin transporter: molecular weight of the [^{3}H]paroxetine and [^{3}H]citalopram binding proteins (189) 129
Plyashkevich, Y.G., see Fomenko, A.M. (189) 175
Porter, N.M., see Moss, S.J. (189) 77
Powel, R.J., see Pullan, L.M. (189) 237
Premont, J., see Chneiweiss, H. (189) 287
Pritchard, G.A., see McMillian, M. (189) 253
Puget, A., see Frances, B. (189) 1
Puget, A., see Roussin-Pascaud, A. (189) 393
Pullan, L.M., Powel, R.J., Stumpo, R.J., Britt, M., Klika, A.B., Meiners, B.A. and Salama, A.I.
Stereoselective enhancement by (R)-HA-966 of the binding of [^{3}H]CPP to the NMDA receptor complex (189) 237

Raddino, R., see Ferrari, R. (189) 149
Rognan, D., Sokoloff, P., Mann, A., Martres, M.-P., Schwartz, J.-C., Constentin, J. and Wermuth, C.-G.
Optically active benzamides as predictive tools for mapping the dopamine D_2 receptor (189) 59
Roussin-Pascaud, A., Mollereau, C., Puget, A. and Meunier, J.-C.
Regulation by Na^+ ions and GppNHp of the interaction between a G protein and the amphibian type of opioid receptor (189) 393

Saeki, T., Tsunoda, H., Shiojiri, H., Yamatsu, I., Morisaki, N. and Saito, Y.
Inhibitory effects of a novel antiatheromatous agent, E5050, on aortic smooth muscle cell proliferation, in vitro (189) 23
Saito, Y., see Saeki, T. (189) 23
Sakata, T., see Mihara, S.-i. (189) 233
Salama, A.I., see Pullan, L.M. (189) 237
Satoh, M., see Kaneko, S. (189) 51
Schmidt, B.H., Glaser, T., Seidel, P.-R. and Traber, J.
Evidence for a specific recognition site for tiflucarbine on calmodulin (189) 411
Schreiber, G., see Avissar, S. (189) 99
Schwartz, J.-C., see Rognan, D. (189) 59
Sebben, M., see Charpentier, N. (189) 241
Seidel, P.-R., see Schmidt, B.H. (189) 411
Shiojiri, H., see Saeki, T. (189) 23

Sim, M.K. and Manjeet, S.
Properties of muscarinic receptors mediating second messenger responses in the rabbit aorta (189) 399
Smart, T.G., see Moss, S.J. (189) 77
Sokoloff, P., see Rognan, D. (189) 59
Sortino, M.A., Nicoletti, F. and Canonico, P.L.
Inositol hexakisphosphate stimulates $^{45}Ca^{2+}$ uptake in anterior pituitary cells in culture (189) 115
Steele, J.E., Bowen, D.M., Francis, P.T., Green, A.R. and Cross, A.J.
Spermidine enhancement of [^{3}H]MK-801 binding to the NMDA receptor complex in human cortical membranes (189) 195
Stephenson, F.A., see Moss, S.J. (189) 77
Stumpo, R.J., see Pullan, L.M. (189) 237
Sulakhe, P.V., see Braun, A.P. (189) 105
Sulakhe, P.V., see Braun, A.P. (189) 201
Sumikawa, K., see Gall, C. (189) 217

Tabakoff, B., see Ishizawa, H. (189) 119
Tacke, R., see Waelbroeck, M. (189) 135
Takahashi, H., see Kaneko, S. (189) 51
Tamaki, H., see Nagasaki, M. (189) 71
Tanner, J.K., see Kuraja, I.J. (189) 299
Tastenoy, M., see Waelbroeck, M. (189) 135
Tian, W.-N., see Jagadeesh, G. (189) 11
Traber, J., see Schmidt, B.H. (189) 411
Trezciak, A., see Benke, D. (189) 337
Tsunoda, H., see Saeki, T. (189) 23

Uchida, S., see Zhou, X.-M. (189) 327
Uchiyama, H., see Ohara, K. (189) 341

Van Belle, H., see Pirovano, I.M. (189) 419
Van der Ploeg, I., see Kvanta, A. (189) 363

Waelbroeck, M., Camus, J., Tastenoy, M., Lambrecht, G., Mutschler, E., Tacke, R. and Christophe, J.
Stereoselectivity of procyclidine binding to muscarinic receptor subtypes M_1, M_2 and M_4 (189) 135
Wang, H.-Y., see Johnson, M.D. (189) 405
Wermuth, C.-G., see Rognan, D. (189) 59
Willcocks, A.L., Challiss, R.A.J. and Nahorski, S.R.
Characteristics of inositol 1,4,5-trisphosphate binding to rat cerebellar and bovine adrenal cortical membranes: evidence for the heterogeneity of binding sites (189) 185
Williams, R.M., see Monahan, J.B. (189) 373
Woodcock, E.A., see Kuraja, I.J. (189) 299
Wozniak, K.M., see Avissar, S. (189) 99

Yamatsu, I., see Saeki, T. (189) 23
Yoshida, H., see Zhou, X.-M. (189) 327

Zhou, X.-M., Uchida, S. and Yoshida, H.
Disappearance in high-K^+ medium of receptor-mediated inhibition of adenylate cyclase in guinea-pig cortical slices (189) 327